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Tahon et al.

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(54) **USE OF GLASS LAMINATE AS A
 SUBSTRATE IN SEMICONDUCTOR
 DEVICES**

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 claimer.

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 427/65; 427/108

(58) **Field of Search** 438/584, 22, 25,
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(57) **ABSTRACT**

A method for making a semiconductor device is disclosed which comprises the step of applying a functional layer on a substrate, characterized in that said substrate is a laminate which comprises a support and a glass layer, said glass layer having a thickness of less than 700 μm . The support is preferably a plastic foil. The laminate has the combined benefits of low weight and high strength and is therefore a suitable substrate for making flat panel displays such as liquid crystal displays, plasma displays, field emission displays or organic light-emitting polymer displays. Preferred examples of the functional layer are e.g. electroconductive layers, liquid crystal orientation layers, color filters, electroluminescent layers, passivation layers and phosphor layers.

15 Claims, No Drawings